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1. JP7118342A 19950509 VAPOR PHASE POLYMERIZATION OF OLEFIN

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Priority (No,Kind,Date) : JP26199993 A 19931020 X

Application(No,Kind,Date): JP26199993 A 19931020

IPC: 6C 08F 10/00 A

Language of Document: NotAvailable

Abstract:

PURPOSE: To broaden the operable conditions and to thereby stably obtain a polymer having an arbitrary compositional distribution and an arbitrary molecular weight distribution by providing a specified structure in the process for continuously polymerizing by using a plurality of polymerizers connected in series.

CONSTITUTION: The production process comprises a step of intermittently discharging the polymer and the accompanying gas from the first vapor phase polymerizer 5 through a valve 7, discharging only the accompanying gas through a valve 10 and introducing the polymer devoid of the accompanying gas under pressure into the second polymerizer 17, wherein intermediate receivers 8 and 13 positioned higher than the second vapor phase polymerizer 17 and including a gas tank 8 for receiving the polymer and the accompanying gas discharged from the first vapor phase polymerizer 5 and a powder tank 13 for receiving the polymer falling by gravity and situated just below it are provided between the first polymerizer 5 and the second polymerizer 17, and the vapor phase polymerizers 5 and 17 are connected in series.

Legal Status: There is no Legal Status information available for this patent